Compaq/HP Windows® CE to Wyse Windows® CE.Net v4.2 Conversion Kit
Installation Guide

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1 Getting Started

This document describes how to the convert software in all flash configurations of the Compaq/HP Model T1010 and T20 that are currently running Microsoft Windows CE..

The T1010 will be a functional equivalent to the Wyse 3360SE

The T20 will be a functional equivalent to the Wyse 3235LE

The software loaded on either unit will be: **Wyse CE.Net v4.2**

Before you Begin

What's In the Kit

Conversion Kit

- Includes a CD with the images for the T1010 and T20, Wyse EULA, Microsoft COA, and a Wyse serial number required for service. For multiple orders you will only receive one CD.

Required Tools and Materials

You need the following items before you can install.

- No special tolls are required for this upgrade.

Associated Documentation

- **Compaq Evo Thin Client T20 and Compaq T1010 Windows Based Terminals Administrators Guide**: http://h200006.www2.hp.com/bc/docs/support/UCR/SupportManual/TPM_250091-001/TPM_250091-001.pdf

- **Compaq Evo Thin Client T20 Maintenance & Service Guide**: http://h200006.www2.hp.com/bc/docs/support/UCR/SupportManual/TPM_245305-001/TPM_245305-001.pdf

- **Compaq Quick Reference and Administrator's Guide for Microsoft Windows CE.NET-based Thin Clients**: http://h200006.www2.hp.com/bc/docs/support/UCR/SupportManual/TPM_303534-001_rev1_us/TPM_303534-001_rev1_us.pdf

- **Winterm 3000 Series Windows-Based Terminal Users and Administrators Guide CE .NET** 883751-04 Rev. B. © April 2004
  Available here: http://www.wyse.com/products/winterm/quickstart/3000.htm

2 Installing the Conversion

This chapter will describe the procedures for installing the software conversion kit in the T1010 and T20 terminals

Install the software in the T1010

If you encounter any problem during this upgrade please contact Wyse technical support at 800-800-9973.

This conversion only works for 16MB versions or higher of the T1010. To convert 8MB version you will need to purchase P/N 920184-01 16MB Flash Upgrade Kit or P/N 920184-02 32MB Flash Upgrade Kit.

For Units with 8MB of onboard flash follow these steps. To determine the onboard flash see the HP Product matrix at the end of this process.

1) Configure a Microsoft IIS/FTP server for file storage.

2) Create a Directory under FTP root (/) e.g.: HP2WyseCENet

3) Install any required flash upgrade kits, 16MB of 32MB at this time. Follow instructions that came with the kit.

4) Install any memory upgrade kits at this time.

5) Plug in the power supply, keyboard, mouse, monitor, and network cable.

⚠ Warning

DO NOT INTERRUPT any of these processes by depressing the power button or removing the power cable or the terminal's firmware will be corrupted causing the terminal to become inoperable.

6) Connect the unit to the FTP server.

7) Install the HP Conversion Utility
   a) Copy the two files, hpwyconvertaddonn.bin and params.ini, from the, HP Conversion Utility, directory on the CD and place in the directory created in Step 2.
   b) From the Compaq Connections Manager screen press (F2), Select Upgrade Tab, Select USE **L**OCAL FTP INFORMATION, enter IP of the FTP server in the field SERVER **N**AME and in the field, SERVER **D**IRECTORY; the directory name of where the files reside.
   c) Click on the **U**pgrade button. After the T1010 contacts the IIS/FTP server, a Firmware Upgrade Warning box will appear on the terminal indicating that a firmware upgrade is in process. Click on the **S**tart button.
   d) The conversion utility will load and the unit will reboot.

8) Install the CE.Net Primer.
   a) If the unit has 8MB of onboard flash, before the flash upgrade is installed, you must first load the CE.Net primer before proceeding.

Note: Failure to load the primer at this step will cause the conversion to fail.

b) Copy the primer from the T1010/T1010 Primer directory on the CD and place in the directory created in Step 2.
c) From the Compaq Connection Manager Screen press (F2), select “Sys Info” tab.
d) From the T1010 setup screen (F2), Select Upgrade Tab, Select USE **L**OCAL FTP INFORMATION, enter IP of the FTP server in the field SERVER **N**AME and in the field, SERVER **D**IRECTORY; the directory name of where the files reside.
e) Click on the **U**pgrade button. After the T1010 contacts the IIS/FTP server, a Firmware Upgrade Warning will appear on the terminal indicating that a firmware upgrade is in process. Click on the **S**tart button
f) After the Primer load is completed, the terminal will reboot, displaying a WYSE Splashscreen.

⚠ Warning

Select the image from the correct directory on the CD. The image must match the unit model number and the image size must match the total flash size. Selecting the wrong size image may cause firmware corruption and render the unit inoperable.

9) Install the CE.Net image.
   a) Copy the image from the T1010 directory on the CD and place in the directory created in Step 2.
      i) Double click on the System icon the click on the System Info tab to verify the flash size. Click the OK button.
      ii) Depending on the flash size 16MB (or 24MB if it is an 8MB unit with a 16MB flash kit)with or 32MB (or 48MB if it is a 8mb unit with 32MB flash kit) copy the two files (XXXX.bin & params.ini) from the corresponding T1010 16MB or 32MB subdirectory on the CD and place in the directory created in Step #2
   b) From the Winterm Connection Manager screen double click on the Control **P**anel button.
   c) From the Winterm Control Panel double click the Upgrade icon. Select USE **L**OCAL FTP INFORMATION; enter IP of the FTP server in the field SERVER **N**AME and in the field SERVER **D**IRECTORY; the directory name of where the files reside.
   d) Click on the **U**pgrade button. After the T1010 contacts the IIS/FTP server, a Firmware Upgrade Warning box will appear on the terminal indicating that a firmware upgrade is in process. Click on the **S**tart button.
   e) A warning screen will appear. Click on the **Y**es button.
   f) After the terminal Firmware upgrade is completed, the terminal will reboot, displaying a WYSE Splashscreen.

10) The terminal is ready for use.

11) Shutdown the terminal and install the Microsoft Certificate of Authenticity, COA, and Wyse serial label as shown in Figure 1-1 below.

Note: Failure to install the labels may cause delays in service and support. This serial number must be give to the Customer Support Technician to validate entitlement to support and service from Wyse.

For Units with 16MB or more of onboard flash follow these steps.
To determine the onboard flash see the HP Product matrix at the end of this process.

1) Configure a Microsoft IIS/FTP server for file storage.

2) Create a Directory under FTP root (/) e.g.: HP2WyseCENet

3) Install any optional compact flash upgrade kits, 16MB or 32MB at this time. Follow instructions that came with the kit.

4) Install any memory upgrade kits at this time.

5) Plug in the power supply, keyboard, mouse, monitor, and network cable.

⚠ Warning

DO NOT INTERRUPT any of these processes by depressing the power button or removing the power cable or the terminal's firmware will be corrupted causing the terminal to become inoperable.

6) Connect the unit to the FTP server.
7) Install the HP Conversion Utility.
   a) Copy the two files, hpwyconvertaddonn.bin and params.ini, from the, HP Conversion Utility, directory on the CD and place in the directory created in Step 2.
   b) From the Compaq Connection Manager Screen press (F2), Select Upgrade Tab, Select USE **L**OCAL FTP INFORMATION, enter IP of the FTP server in the field SERVER **N**AME and in the field SERVER **D**IRECTORY; the directory name of where the files reside.
   a) Click on the **U**pgrade button. After the T1010 contacts the IIS/FTP server, a Firmware Upgrade Warning box will appear on the terminal indicating that a firmware upgrade is in process. Click on the **S**tart button.
   c) A warning screen will appear. Click on the **Y**es button.
   d) The conversion utility will load and the unit will reboot.

⚠ Warning

Select the image from the correct directory on the CD. The image must match the unit model number and the image size must match the total flash size. Selecting the wrong size image may cause firmware corruption and render the unit inoperable.

8) Install the CE.Net image.
   a) Copy the image from the T1010 directory on the CD and place in the directory created in Step 2.
      i) From the Compaq Connection Manager Screen press (F2), select "Sys Info" Tab to verify the flash size.
      ii) Depending on the flash size 16MB or 32MB (or 48MB if it is a 16mb unit with 32MB flash kit) copy the two files (XXXX.bin & params.ini) from the corresponding T1010 16MB or 32MB subdirectory on the CD and place in the directory created in Step #2. The largest image on the CD is 32MB.
   b) Select Upgrade Tab, Select USE **L**OCAL FTP INFORMATION, enter IP of the FTP server in the field SERVER **N**AME and in the field SERVER **D**IRECTORY; the directory name of where the files reside.

c) Click on the **U**pgrade button. After the T1010 contacts the IIS/FTP server, a Firmware Upgrade Warning box will appear on the terminal indicating that a firmware upgrade is in process. Click on the **S**tart button.
d) After the terminal Firmware upgrade is completed, the terminal will reboot, displaying a WYSE Splashscreen.

9) The terminal is ready for use.

10) Shutdown the terminal and install the Microsoft Certificate of Authenticity, COA, and Wyse serial label as shown in Figure 1-1 below.

Note: Failure to install the labels may cause delays in service and support. This serial number must be given to the Customer Support Technician to validate entitlement to support and service from Wyse.

Figure 1-1 T1010 Serial label placement

Install the software in the T20

If you encounter any problem during this upgrade please contact Wyse technical support at 800-800-9973.

For T20 with 16MB of onboard flash and Compaq/HP CE installed follow these steps.

1) Configure a Microsoft IIS/FTP server for file storage.

2) Create a Directory under FTP root (/) e.g.: HP2WyseCENet

3) Install any smart media flash upgrade kits, 32MB at this time. Follow instructions that came with the kit.

4) Install any memory upgrade kits.

5) Plug in the power supply, keyboard, mouse, monitor, and network cable.

⚠ Warning

DO NOT INTERRUPT any of these processes by depressing the power button or removing the power cable or the terminal's firmware will be corrupted causing the terminal to become inoperable.

6) Install the HP Conversion Utility
   a) Copy the two files, hpwyconvertaddonn.bin and params.ini, from the, HP Conversion Utility, directory on the CD and place in the directory created in Step 2.
   b) From the Compaq Connection Manager Screen press (F2), Select Upgrade Tab, Select USE **L**OCAL FTP INFORMATION, enter IP of the FTP server in the field SERVER **N**AME and in the field SERVER **D**IRECTORY; the directory name of where the files reside.
   b) Click on the **U**pgrade button. After the T20 contacts the IIS/FTP server, a Firmware Upgrade Warning box will appear on the terminal indicating that a firmware upgrade is in process. Click on the **S**tart button.
   c) The conversion utility will load and the unit will reboot.

⚠ Warning

Select the image from the correct directory on the CD. The image must match the unit model number and the image size must match the total flash size. Selecting the wrong size image may cause firmware corruption and render the unit inoperable.

7) Install the CE.Net image.
   a) Copy the image from the T20 directory on the CD and place in the directory created in Step 2.
      i) From the Compaq Connection Manager Screen press (F2), select "Sys Info" Tab to verify the flash size. Click the Close button.
      ii) Depending on the flash size 16MB or 32MB copy the two files (XXXX.bin & params.ini) from the corresponding T20 16MB or 32MB subdirectory on the CD and place in the directory created in Step #2. The largest image on the CD is 32MB.
   b) Select Upgrade Tab, Select USE **L**OCAL FTP INFORMATION, enter IP of the FTP server in the field SERVER and in the field SERVER **D**IRECTORY; the directory name of where the files reside.
   c) Click on the **U**pgrade button. After the T20 contacts the IIS/FTP server, a Firmware Upgrade Warning box will appear on the terminal indicating that a

firmware upgrade is in process. Click on the **S**tart button. The upgrade process will begin.

d) After the terminal Firmware upgrade is completed, the terminal will reboot, displaying a WYSE Splashscreen.

8) The terminal is ready for use.

9) Shutdown the terminal and install the Microsoft Certificate of Authenticity, COA, and Wyse serial label as shown in Figure 1-2 below. Labels in the kit are similar to those in the figure.

Note: Failure to install the labels may cause delays in service and support. This serial number must be given to the Customer Support Technician to validate entitlement to support and service from Wyse.

For T20 with 16MB or greater of onboard flash and Compaq/HP CE.Net installed follow these steps.

1) Configure a Microsoft IIS/FTP server for file storage.

2) Create a Directory under FTP root (/) e.g.: HP2WyseCENet

3) Install any smart media flash upgrade kits, 32MB at this time. Follow instructions that came with the kit.

4) Install any memory upgrade kits.

5) Plug in the power supply, keyboard, mouse, monitor, and network cable.

⚠ Warning

DO NOT INTERRUPT any of these processes by depressing the power button or removing the power cable or the terminal's firmware will be corrupted causing the terminal to become inoperable.

6) Install the HP Conversion Utility

a) Copy the two files, hpwyconvertaddonn.bin and params.ini, from the, HP Conversion Utility, directory on the CD and place in the directory created in Step 2.

b) From the Compaq Connection Manager Screen double click on the Control **P**anel button.

c) From the Compaq Control Panel double click the Upgrade icon. Select USE **L**OCAL FTP INFORMATION; enter IP of the FTP server in the field SERVER **N**AME and in the field SERVER **D**IRECTORY; the directory name of where the files reside.

d) Click on the **U**pgrade button. After the T20 contacts the IIS/FTP server, a Firmware Upgrade Warning box will appear on the terminal indicating that a firmware upgrade is in process. Click on the **S**tart button.

c) The utility will load and the terminal will reboot.

⚠ Warning

Select the image from the correct directory on the CD. The image must match the unit model number and the image size must match the total flash size. Selecting the wrong size image may cause firmware corruption and render the unit inoperable.

7) Install the CE.Net image.

a) Copy the image from the T20 directory on the CD and place in the directory created in Step 2.

i) From the Compaq Connection Manager Screen double click on the Control **P**anel button.
ii) Double click on the System icon the click on the System Info tab to verify the flash size. Click the OK button.

b) Depending on the flash size, 16MB or 32MB, copy the two files (XXXX.bin & params.ini) from the corresponding, T20 16MB or 32MB, subdirectory on the CD and place in the directory created in Step 2. The largest image on the CD is 32MB.
c) From the Compaq Connection Manager screen double click on the Control **P**anel button.
d) From the Compaq Control Panel double click the Upgrade icon. Select USE **L**OCAL FTP INFORMATION; enter IP of the FTP server in the field SERVER **N**AME and in the field SERVER **D**IRECTORY; the directory name of where the files reside.
e) Click on the **U**pgrade button. After the T20 contacts the IIS/FTP server, a Firmware Upgrade Warning box will appear on the terminal indicating that a firmware upgrade is in process. Click on the **S**tart button. The upgrade process will begin.
f) After the terminal Firmware upgrade is completed, the terminal will reboot, displaying a WYSE Splashscreen.

8) The terminal is ready for use.

9) Shutdown the terminal and install the Microsoft Certificate of Authenticity, COA, and Wyse serial label as shown in Figure 2-2 below. Labels in the kit are similar to those in the figure.

Note: Failure to install the labels may cause delays in service and support. This serial number must be given to the Customer Support Technician to validate entitlement to support and service from Wyse.

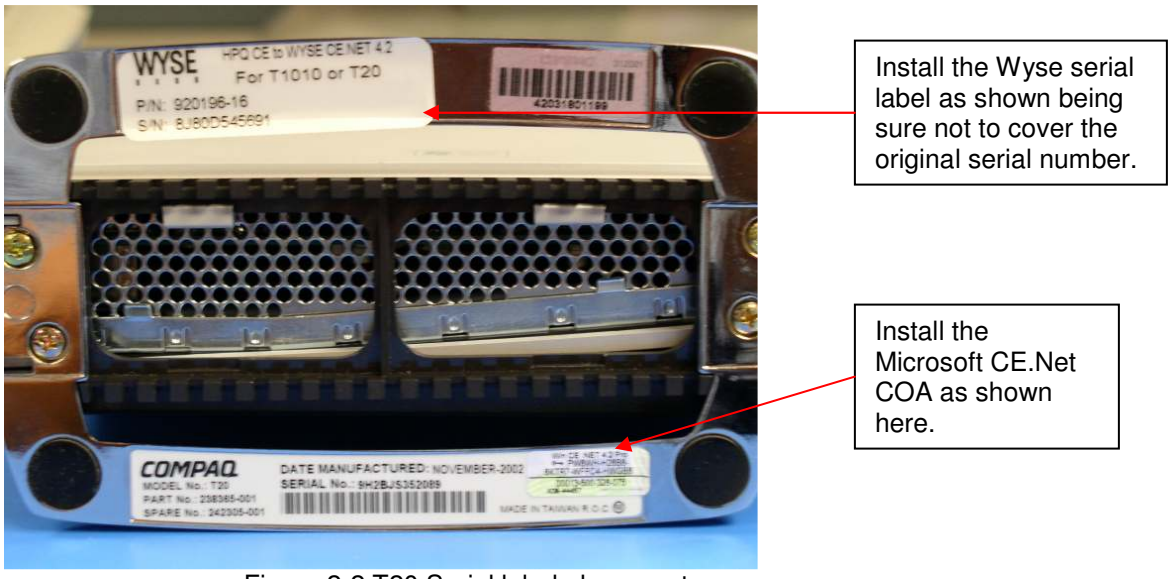
WYSE
HPQ CE to WYSE CE.NET 4.2
For T1010 or T20
P/N: 920196-16
COMPAQ
Install the Wyse serial label as shown being sure not to cover the original serial number.
Install the Microsoft CE.Net COA as shown here.

Figure 2-2 T20 Serial label placement